U.S. NUCLEAR REGULATORY COMMISSION

(1-90) NRCM 4108	CA	REER OPPORT	UNI	TY ANNOU	INCEMEN	T			
		DO NOT R							
AN EQUAL OPPORTUNITY EM ORIGIN, POLITICAL AFFILIAT POSITION TITLE	PLOYER, CANDIDATES WILL BE CONSIDER TON, MARITAL STATUS, PHYSICAL OR MEN	TAL HANDICAPS, AGE, OR MEMBERSH ANNOUNCEMENT NUMBER	HIP IN AN	ERIT REASON SUCH AS RAC EMPLOYEE ORGANIZATION TOPENING	E, COLOR, RELIGION, SE CLOSING (Close of busine			Fur "Oneu	Until Filed" teaconsiss
REACTOR SYSTEMS ENGINEER			DATE				exs) EXPIRATION (For "Open Until Filed" vacancies remove posting on this date)		
REACTOR SIS	GRADE ENGINEER	R0250006 KNOWN PROMOTION POTENTIAL TO	+	AREA OF CONSIDER	11/26/01	_	LYPEUR	POSITIO	
0840	GG-14	GG-14		NATIONWIDE		x	BARGAINING UNIT		NONBARGAINING UNIT
ORGANIZATION LOCATION	00 11	-	$\dashv \sqcap$	WASHINGTON, DC COMMI	UTING AREA	x	FULL-TIME		PART-TIME
DIVISION OF	SYSTEMS SAFETY A	ND ANALYSIS	Н		MUTING AREA	x	PERMANENT		TEMPORARY APPOINTMENT
REACTOR SYS	TEMS BRANCH		x	OTHER NRC Wide		x	INCUMBENT IS SUBJECT TO	NO.	TO EXCEED
	LEAR PERFORMANCE						RANDOM DRUG TESTING		
Rockville,		onal	R.F	OF IMMEDIATE SUPERVISO ALPH CARUSO					
AN UPDATED SFI7L PERSO: GOVERNMENT EMPLOYMF AN NRC FORM 115, VACAN A COPY OF YOUR CURREN THAT IT IS NOT AVAILABL	ICY APPLICATION STATUS NOTICE (MRC a) IT PERFORMANCE APPRAISAL OR A SIGNED LE.	LICATION FOR 4. 5. plicants only); 6. STATEMENT	NRC AP THE NE OTHER (PLICANTS(ONLY); FOUR RC IS A ZERO-TOLERAN Specify):	COPIES OF APPLICA	TION	MATERIALS REC		
	BE REFERRED TO THE RATING ENTITY A LITTONS ONLY. CANDIDATES WHOSE PRESEN				CANCY MAY NOT BE SUR	IECT TO	RATING PROCED	IRES AND	MAY
	TONS ONLY, CANDIDATES WHOSE PRESENTHE SELECTING OFFICIAL his position is announced at multiple grade								
cla	rus position is announced at mataiple grade iser supervision.)	some week the negati p		some grane are	uminou may very su	ay 447	ve perjoritte	or senior l	
***THIS V	ACANCY IS BEING	REISSUED TO	INC	LUDE PART	-TIME				
AND CORE I AMENDMENT STANDPOIN	EVALUATES THE DESIGN AS PROPO S INCLUDING REI TS OF THE FUNCT UNDER NORMAL I	OSED IN THE SA LOAD CORE LICE TIONAL CAPABIL	AFET ENSI LITY	TY ANALYSI ING SUBMIT 7, INTEGRI	S REPORT TALS FRO	S, M I SYS	AND LI THE STEMS	CEN	-
	CONT	INUED ON BACK							
QUALIFICATIONS REQUI	RED (if the position is announced at multip supervisor, and/or NRC Manual cha	le grade levels, these qualifications de oter and Appendix 4108 can be consult	escribe the	full performance level, unl re detailed qualification req	ess otherwise specified. wirements and/or interpr	The pos	ition description, of qualifying exper	mmediate	
GRADE LEVE THOROUGH OF NUCLEAR	S MUST HAVE AT EL IN THE OCCUE KNOWLEDGE OF TE R, MECHANICAL (LENT COMBINATION	PATIONAL SERI HE THEORY, PRI OR CHEMICAL EI	ES I INCI NGIN	LISTED ABO PLES AND PEERING AS	VE; AND PRACTICE EVIDENC	POS S I ED	SESS A N THE BY A D	FIE	LDS
SPECIALIZ	ED EXPERIENCE:	APPLICANTS M	UST	HAVE KNOW	LEDGE OF	RE	ACTOR		
	CONT	INUED ON BACK							
RATING FACTORS (Applie	cants are strongly encouraged to submit a s	tatement addressing the Rating listed l	below.)						
THE FIELD	STRATED KNOWLEI OF NUCLEAR ENG OF COMMERCIAL	CINEERING AS	IT F						
YOUR ABIL	SPECIFIC EXPEI ITY YOUR KNOWLI S, PLANT SAFETY	EDGE OF REACTO	OR S	SYSTEMS DE	SIGN, CO	NST	RUCTIO	N C	
	CONT	INUED ON BACK				,			
FOR ADDITIONAL INFORMAT	ION CONTACT					י וקיך	PHONE I	EA DE	NUMBER
AVA BRYDSON-	HARPER E			Stop: 0-3E	17A		3	01	415-1415
Winner Daniel		SEND APPLICA	TION MA	 	1 1		1		
X Human Resources Services & Operations Office of Human Resource	Region I Personnel Officer	Region II Personnel Officer		Region III Personnel Office	er Region (V Personi	nel Officer		
U.S. Nuclear Regulatory Commi- Washington, D.C. 20555		U.S. Nuclear Regulatory Commissio 61 Forsyth Street, SW (23T85) Atlanta, GA 30303	on U	l.S. Nuclear Regulatory Commiss 01 Warrenville Road isle, 1L 60532	sion U.S. Nuclear Re 611 Ryan Plaza Arlington, TX 7	Drive, St	Commission lite 400		

CAREER OPPORTUNITY ANNOUNCEMENT

(Continuation)

				PAGE	OF
	ANNOUNCEMENT NUMBER	OPENING DATE	CLOSING DATE (close of business)	EXPIRATION DATE (Fo	or "Open Until Filled" vacancies,
				remove posting on this date	9)
	R0250006	10/22/01	11/26/01		
- 1	*	l ' ' '	1		

DUTIES OF POSITION - CONTINUED

FOLLOWING NORMAL, TRANSIENT AND ACCIDENT CONDITIONS. EVALUATES THE PROPOSED METHODOLOGY AND TECHNIQUES EMPLOYED TO ASSURE CORE INTEGRITY DURING NORMAL PLANT OPERATION AND FOR ANTICIPATED OPERATIONAL OCCURRENCES, AND REVIEWS THE METHODOLOGY EMPLOYED FOR EVALUATION OF CORE DAMAGE CONTRIBUTING TO THE CONSEQUENCES OF DESIGN BASIS ACCIDENTS.

OUALIFICATIONS REQUIRED - CONTINUED

ENGINEERING ANALYTICAL MODELS IN SUFFICIENT DETAIL TO ALLOW INDEPENDENT EVALUATION OF LICENSE OR APPLICANT USE OF SUCH MODELS.

NOTE: REASONABLE ACCOMMODATIONS WILL BE MADE FOR QUALIFIED APPLICANTS OR EMPLOYEES WITH DISABILITIES, EXCEPT WHEN DOING SO WOULD POSE AN UNDUE HARDSHIP ON THE EMPLOYING AGENCY.

RATING FACTORS - CONTINUED

TRANSIENTS, PLANT OPERATING MODES AND PROCEDURES, TRANSIENT AND ACCIDENT ANALYSES, OR RISK ASSOCIATED WITH OPERATIONAL FEATURES OF BWR OR PWR REACTOR FACILITY.)

2. DEMONSTRATED KNOWLEDGE OF AND EXPERIENCE IN AT LEAST ONE OF THE FOLLOWING AREAS: THERMAL-HYDRAULIC ANALYSIS AND HEAT RRANSFER, REACTOR AND ENGINEERED SAFETY FEACTURES SYSTEM DESIGN, OR TRANSIENT AND ACCIDENT ANALYSES APPLICABLE TO NUCLEAR POWER PLANT DESIGN.

(DESCRIBE SPECIFIC EXPERIENCE AND TRAINING WHICH DEMONSTRATE YOUR KNOWLEDGE IN THE SUBJECT AREAS. INCLUDE AT LEAST TWO SPECIFIC EXAMPLES OF ANALYSES PERFORMED, THE COMLEXITY OF THE WORK, AND YOUR RESOURCEFULNESS AND INITIATIVE IN ORGANIZING, PRIORITIZING AND ACCOMPLISHING WORK.)

3. DEMONSTRATED KNOWLEDGE OF NRC RULES, REGULATIONS, AND POLICIES THROUGH FAMILIARITY WITH SYSTEM DESIGN CODES AND STANDARDS, REGULATORY GUIDES AND PRACTICES, AND ANALYTICAL ACCIDENT TRANSIENT ANALYSES CODES USED IN THE DESIGN, CONSTRUCTION, TESTING AND OPERATION OF NUCLEAR REACTOR FACILITIES.

(DESCRIBE SPECIFIC EXPERIENCE, TRAINING, AND ACCOMPLISHMENTS WHICH DEMONSTRATE YOUR KNOWLEDGE OF INDUSTRY STANDARDS, NRC RULES AND REGULATIONS GOVERNING OPERATION OF NUCLEAR FACILITIES, DESIGN CONSTRUCTION, OPERATION OF REACTOR SYSTEMS, PERFORMANCE OF DESIGN BASIS PLANT SAFETY ANALYSES, AND PLANT MAINTENANCE ACTIVITIES RELATED TO REACTOR SYSTEMS. INCLUDE AT LEAST TWO SPECIFIC EXAMPLES OF THE

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(Continuation)

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RATING FACTORS - CONTINUED

APPLICATION OF NRC RULES AND POLICIES OR THE APPLICATION OR REVIEW OF ANALYTICAL CODES OR METHODS, INCLUDING THE COMPLEX NATURE OF THE REVIEW OR APPLICATION.)

4. DEMONSTRATED ABILITY TO APPLY ABOVE KNOWLEDGE AND EXPERIENCE IN THE FORMULATION OF SOUND TECHNICAL JUSGMENTS ON THE ADEQUACY OF EXISTING AND PROPOSED SYSTEMS DESIGN AND OPERATION.

(DESCRIBE SPECIFIC EXPERIENCE, TRAINING, AND ACCOMPLISHMENTS WHICH DEMONSTRATE YOUR ABILITY TO FORMULATE TECHNICAL JUDGMENTS. PROVIDE AT LEAST TWO EXAMPLES OF JUDGMENTS, RECOMMENDATIONS, OR ACTIONS YOU HAVE TAKEN IN REGARD TO THE ADEQUACY OF EXISTING AND PROPOSED SYSTEMS. DESCRIBE YOUR ABILITY TO IDENTIFY COMPLEX TECHNICAL PROBLEMS AND RECOMMEND SUCCESSFUL APPROACHES TO RESOLVE THEM. HIGHLIGHT EXAMPLES THAT DEMONSTRATE RESOURCEFULNESS, INITIATIVE, AND INGENUITY IN COMPLETING THE WORK.)

5. DEMONSTRATED ABILITY TO COMMUNICATE WELL BOTH ORALLY AND IN WRITING, AND TO ESTABLISH EFFECTIVE WORKING RELATIONSHIPS WITH VARIOUS AUDIENCES.

(DESCRIBE SPECIFIC EXPERIENCE, TRAINING, AND ACCOMPLISHMENTS WHICH DEMONSTRATE YOUR ABILITY TO EFFECTIVELY COMMUNICATE TECHNICAL ISSUES. DESCRIBE YOUR ABILITY TO PREPARE WRITTEN DOCUMENTS; E.G., TECHNICAL INFORMATION PROPOSALS, SIGNIFICANT EVENT BRIEFINGS, INPUT TO INSPECTION REPORTS. PROVIDE AT LEAST TWO SPECIFIC EXAMPLES FOR BOTH WRITTEN AND ORAL COMMUNICATION. BE SURE TO DESCRIBE THE AUDIENCE, THE NATURE AND COMPLEXITY OF THE COMMUNICATION, AND THE OUTCOME OF SUCH COMMUNICATION. DESCRIBE YOUR EXPERIENCE IN ESTABLISHING EFFECTIVE WORKING RELATIONSHIPS WITH SUPERVISORS, SUBORDINATES, PEERS, AND GOVERNMENT AND INDUSTRY OFFICIALS.

NOTE: BREADTH, DEPTH, RECENCY AND LENGTH OF EXPERIENCE IN THE FIELD; TRAINING, AWARDS AND COMMENDATIONS; PAST AND CURRENT PERFORMANCE; AND COMMUNITY OR OUTSIDE PROFESSIONAL ACTIVITIES WILL BE REVIEWED AS THEY RELATE TO EACH OF THE ABOVE FACTORS TO DETERMINE THE LEVEL OF KNOWLEDGE, SKILL, OR ABILITY OF CANDIDATES.

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.